

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki FUKUYAMA et al.

Serial No: Not assigned

Filed: August 17, 2006

For: Optical Transmission System

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF ELECTRONIC TRANSMISSION

Date of Transmission: August 17, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ a copy of a letter of transmittal
- ☒ a copy of an Application Data Sheet
- ☒ authorization to charge Deposit Account in amount of \$ 2660.00 as filing fee, search fee and examination fee
- ☒ authorization to charge Deposit Account in amount of \$ 40.00 as assignment recordation fee
- ☒ patent application (57 page(s) of specification; 44 claim(s); 1 page(s) of abstract
- ☒ 16 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ Preliminary amendment
- ☒ assignment of the invention to Nippon Telegraph and Telephone Corporation and NTT Electronic Corporation is being transmitted separately
- ☒ Information Disclosure Statement with 6 references

are being transmitted via electronic filing on the date indicated above to the:
Commissioner for Patents, USPTO

Date: August 17, 2006

Hogan & Hartson, LLP
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701

Gary Chernyavsky
Name of person transmitting papers

Signature

FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 88527.0004	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) Not assigned	
INTERNATIONAL APPLICATION NO. PCT/JP2004/013515		INTERNATIONAL FILING DATE 16 September 2004		PRIORITY DATE CLAIMED 17 February 2004	
TITLE OF INVENTION Optical Transmission System					
APPLICANT(S) FOR DO/EO/US Hiroyuki FUKUYAMA, Toshihiro ITOH, Satoshi TUNASHIMA, Kimikazu SANO, Koichi MURATA, Yohtaro UMEDA, Yasuo TAZOH, Hirohiko SUGAHARA, Hiromu TOBA, Masahiro MURAGUCHI, Senichi SUZUKI, Seiji FUKUSHIMA, Yoshinori HIBINO, Tadashi SAKAMOTO, Yoshiaki YAMABAYASHI, Eiji YOSHIDA, Ryuichi IWAMOTO					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11. to 16. below concern document(s) or information included:					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> Other items or information: Application Data Sheet					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) Not assigned		INTERNATIONAL APPLICATION NUMBER PCT/JP2004/013515		ATTORNEY'S DOCKET NUMBER 88527.0004	
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17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): Basic National Fee \$300 National Stage Search Fee \$400 National Stage Examination Fee \$200 <div style="text-align: right;">TOTAL FEE AMOUNT =</div>					CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$ 0	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE		
Total claims	44	20	24	X \$50.00	1200.00	
Independent claims	4	3	1	X \$200.00	200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	360.00	
SIZE FEE 74 (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)			\$250 for each additional 50 sheets	X \$250.00	0	
TOTAL OF ABOVE CALCULATIONS =					2660.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.						
SUBTOTAL =					2660.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					\$ 0	
TOTAL NATIONAL FEE =					2660.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property					\$ 40	
TOTAL FEES ENCLOSED =					2700.00	
\$					Amt. Refunded	\$
					Amt. charged	

a. ☐ Checks in the amounts of \$_____ and _____ to cover the above fees are enclosed.

b. ☒ Please charge my Deposit Account No. 50-1314 in the amount of \$2660.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

☒ Customer Number 000026021 →

HOGAN & HARTSON L.L.P.
 500 South Grand Avenue, Suite 1900
 Los Angeles, California 90071
 Phone: 213-337-6700
 Fax: 213-337-6701

SIGNATURE

 Troy M. Schigelzer
 REG.NO. 36,667
 Date: August 17, 2006

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]